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The exercises are automatically numbered, starting from one. Packages such as `amsmath` and `hyperref` are included by default.

Paragraphs are not indented, but are instead separated by some vertical space.

As an example: the *standard inner product* on ^{n} is defined as

$$\vec{a} * \vec{b} x_1 y_1 + \cdots + x_n y_n \qquad \text{for } \vec{a}, \vec{b} \in^n .$$

Note that `*` can be used instead of `\cdot`, and `\R` instead of `\mathbb{R}`. (For a normal asterisk, use `\ast`.) Of course, there are macros for the natural numbers etc. too. Commands such as `\abs{}` and `\Set{}` can be used to easily create (scaled) delimiters. For example,

$$\frac{1}{1-\lambda h} \leq 1 \qquad \text{and} \qquad x \in| \, 1 < \sqrt{x^3 + 2} < \frac{3}{2}.$$

The starred version of these commands disables the auto-scaling.

* Each exercise (except the first) starts on a new page. You can disable this behavior using the starred version of the command.

[10] Optionally, you can specify the number of points for an exercise.

For more information, refer to `https://github.com/gijs-pennings/latex-homework`.